

A schematic diagram of a multi-stage industrial machine, likely a paper mill or textile processing unit. The machine consists of a series of rollers and guides arranged in a sequence. The main body is a long, narrow frame (11) supported by a base (5). A series of rollers (8, 12, 16) are mounted on the frame. A guide (10) is positioned above the rollers. A series of rollers (13, 14, 15) are mounted on a separate frame (17) above the main rollers. A guide (18) is positioned between the two frames. A series of rollers (19, 20, 21) are mounted on a third frame (22) above the main rollers. A guide (23) is positioned between the third frame and the main rollers. A series of rollers (24, 25, 26) are mounted on a fourth frame (27) above the main rollers. A guide (28) is positioned between the fourth frame and the main rollers. A series of rollers (29, 30, 31) are mounted on a fifth frame (32) above the main rollers. A guide (33) is positioned between the fifth frame and the main rollers. A series of rollers (34, 35, 36) are mounted on a sixth frame (37) above the main rollers. A guide (38) is positioned between the sixth frame and the main rollers. A series of rollers (39, 40, 41) are mounted on a seventh frame (42) above the main rollers. A guide (43) is positioned between the seventh frame and the main rollers. A series of rollers (44, 45, 46) are mounted on an eighth frame (47) above the main rollers. A guide (48) is positioned between the eighth frame and the main rollers. A series of rollers (49, 50, 51) are mounted on a ninth frame (52) above the main rollers. A guide (53) is positioned between the ninth frame and the main rollers. A series of rollers (54, 55, 56) are mounted on a tenth frame (57) above the main rollers. A guide (58) is positioned between the tenth frame and the main rollers. A series of rollers (59, 60, 61) are mounted on an eleventh frame (62) above the main rollers. A guide (63) is positioned between the eleventh frame and the main rollers. A series of rollers (64, 65, 66) are mounted on a twelfth frame (67) above the main rollers. A guide (68) is positioned between the twelfth frame and the main rollers. A series of rollers (69, 70, 71) are mounted on a thirteenth frame (72) above the main rollers. A guide (73) is positioned between the thirteenth frame and the main rollers. A series of rollers (74, 75, 76) are mounted on a fourteenth frame (77) above the main rollers. A guide (78) is positioned between the fourteenth frame and the main rollers. A series of rollers (79, 80, 81) are mounted on a fifteenth frame (82) above the main rollers. A guide (83) is positioned between the fifteenth frame and the main rollers. A series of rollers (84, 85, 86) are mounted on a sixteenth frame (87) above the main rollers. A guide (88) is positioned between the sixteenth frame and the main rollers. A series of rollers (89, 90, 91) are mounted on a seventeenth frame (92) above the main rollers. A guide (93) is positioned between the seventeenth frame and the main rollers. A series of rollers (94, 95, 96) are mounted on an eighteenth frame (97) above the main rollers. A guide (98) is positioned between the eighteenth frame and the main rollers. A series of rollers (99, 100, 101) are mounted on a nineteenth frame (102) above the main rollers. A guide (103) is positioned between the nineteenth frame and the main rollers. A series of rollers (104, 105, 106) are mounted on a twentieth frame (107) above the main rollers. A guide (108) is positioned between the twentieth frame and the main rollers. A series of rollers (109, 110, 111) are mounted on a twenty-first frame (112) above the main rollers. A guide (113) is positioned between the twenty-first frame and the main rollers. A series of rollers (114, 115, 116) are mounted on a twenty-second frame (117) above the main rollers. A guide (118) is positioned between the twenty-second frame and the main rollers. A series of rollers (119, 120, 121) are mounted on a twenty-third frame (122) above the main rollers. A guide (123) is positioned between the twenty-third frame and the main rollers. A series of rollers (124, 125, 126) are mounted on a twenty-fourth frame (127) above the main rollers. A guide (128) is positioned between the twenty-fourth frame and the main rollers. A series of rollers (129, 130, 131) are mounted on a twenty-fifth frame (132) above the main rollers. A guide (133) is positioned between the twenty-fifth frame and the main rollers. A series of rollers (134, 135, 136) are mounted on a twenty-sixth frame (137) above the main rollers. A guide (138) is positioned between the twenty-sixth frame and the main rollers. A series of rollers (139, 140, 141) are mounted on a twenty-seventh frame (142) above the main rollers. A guide (143) is positioned between the twenty-seventh frame and the main rollers. A series of rollers (144, 145, 146) are mounted on a twenty-eighth frame (147) above the main rollers. A guide (148) is positioned between the twenty-eighth frame and the main rollers. A series of rollers (149, 150, 151) are mounted on a twenty-ninth frame (152) above the main rollers. A guide (153) is positioned between the twenty-ninth frame and the main rollers. A series of rollers (154, 155, 156) are mounted on a thirtieth frame (157) above the main rollers. A guide (158) is positioned between the thirtieth frame and the main rollers. A series of rollers (159, 160, 161) are mounted on a thirty-first frame (162) above the main rollers. A guide (163) is positioned between the thirty-first frame and the main rollers. A series of rollers (164, 165, 166) are mounted on a thirty-second frame (167) above the main rollers. A guide (168) is positioned between the thirty-second frame and the main rollers. A series of rollers (169, 170, 171) are mounted on a thirty-third frame (172) above the main rollers. A guide (173) is positioned between the thirty-third frame and the main rollers. A series of rollers (174, 175, 176) are mounted on a thirty-fourth frame (177) above the main rollers. A guide (178) is positioned between the thirty-fourth frame and the main rollers. A series of rollers (179, 180, 181) are mounted on a thirty-fifth frame (182) above the main rollers. A guide (183) is positioned between the thirty-fifth frame and the main rollers. A series of rollers (184, 185, 186) are mounted on a thirty-sixth frame (187) above the main rollers. A guide (188) is positioned between the thirty-sixth frame and the main rollers. A series of rollers (189, 190, 191) are mounted on a thirty-seventh frame (192) above the main rollers. A guide (193) is positioned between the thirty-seventh frame and the main rollers. A series of rollers (194, 195, 196) are mounted on a thirty-eighth frame (197) above the main rollers. A guide (198) is positioned between the thirty-eighth frame and the main rollers. A series of rollers (199, 200, 201) are mounted on a thirty-ninth frame (202) above the main rollers. A guide (203) is positioned between the thirty-ninth frame and the main rollers. A series of rollers (204, 205, 206) are mounted on a fortieth frame (207) above the main rollers. A guide (208) is positioned between the fortieth frame and the main rollers. A series of rollers (209, 210, 211) are mounted on a forty-first frame (212) above the main rollers. A guide (213) is positioned between the forty-first frame and the main rollers. A series of rollers (214, 215, 216) are mounted on a forty-second frame (217) above the main rollers. A guide (218) is positioned between the forty-second frame and the main rollers. A series of rollers (219, 220, 221) are mounted on a forty-third frame (222) above the main rollers. A guide (223) is positioned between the forty-third frame and the main rollers. A series of rollers (224, 225, 226) are mounted on a forty-fourth frame (227) above the main rollers. A guide (228) is positioned between the forty-fourth frame and the main rollers. A series of rollers (229, 230, 231) are mounted on a forty-fifth frame (232) above the main rollers. A guide (233) is positioned between the forty-fifth frame and the main rollers. A series of rollers (234, 235, 236) are mounted on a forty-sixth frame (237) above the main rollers. A guide (238) is positioned between the forty-sixth frame and the main rollers. A series of rollers (239, 240, 241) are mounted on a forty-seventh frame (242) above the main rollers. A guide (243) is positioned between the forty-seventh frame and the main rollers. A series of rollers (244, 245, 246) are mounted on a forty-eighth frame (247) above the main rollers. A guide (248) is positioned between the forty-eighth frame and the main rollers. A series of rollers (249, 250, 251) are mounted on a forty-ninth frame (252) above the main rollers. A guide (253) is positioned between the forty-ninth frame and the main rollers. A series of rollers (254, 255, 256) are mounted on a fiftieth frame (257) above the main rollers. A guide (258) is positioned between the fiftieth frame and the main rollers. A series of rollers (259, 260, 261) are mounted on a fifty-first frame (262) above the main rollers. A guide (263) is positioned between the fifty-first frame and the main rollers. A series of rollers (264, 265, 266) are mounted on a fifty-second frame (267) above the main rollers. A guide (268) is positioned between the fifty-second frame and the main rollers. A series of rollers (269, 270, 271) are mounted on a fifty-third frame (272) above the main rollers. A guide (273) is positioned between the fifty-third frame and the main rollers. A series of rollers (274, 275, 276) are mounted on a fifty-fourth frame (277) above the main rollers. A guide (278) is positioned between the fifty-fourth frame and the main rollers. A series of rollers (279, 280, 281) are mounted on a fifty-fifth frame (282) above the main rollers. A guide (283) is positioned between the fifty-fifth frame and the main rollers. A series of rollers (284, 285, 286) are mounted on a fifty-sixth frame (287) above the main rollers. A guide (288) is positioned between the fifty-sixth frame and the main rollers. A series of rollers (289, 290, 291) are mounted on a fifty-seventh frame (292) above the main rollers. A guide (293) is positioned between the fifty-seventh frame and the main rollers. A series of rollers (294, 295, 296) are mounted on a fifty-eighth frame (297) above the main rollers. A guide (298) is positioned between the fifty-eighth frame and the main rollers. A series of rollers (299, 300, 301) are mounted on a fifty-ninth frame (302) above the main rollers. A guide (303) is positioned between the fifty-ninth frame and the main rollers. A series of rollers (304, 305, 306) are mounted on a sixtieth frame (307) above the main rollers. A guide (308) is positioned between the sixtieth frame and the main rollers. A series of rollers (309, 310, 311) are mounted on a sixty-first frame (312) above the main rollers. A guide (313) is positioned between the sixty-first frame and the main rollers. A series of rollers (314, 315, 316) are mounted on a sixty-second frame (317) above the main rollers. A guide (318) is positioned between the sixty-second frame and the main rollers. A series of rollers (319, 320, 321) are mounted on a sixty-third frame (322) above the main rollers. A guide (323) is positioned between the sixty-third frame and the main rollers. A series of rollers (324, 325, 326) are mounted on a sixty-fourth frame (327) above the main rollers. A guide (328) is positioned between the sixty-fourth frame and the main rollers. A series of rollers (329, 330, 331) are mounted on a sixty-fifth frame (332) above the main rollers. A guide (333) is positioned between the sixty-fifth frame and the main rollers. A series of rollers (334, 335, 336) are mounted on a sixty-sixth frame (337) above the main rollers. A guide (338) is positioned between the sixty-sixth frame and the main rollers. A series of rollers (339, 340, 341) are mounted on a sixty-seventh frame (342) above the main rollers. A guide (343) is positioned between the sixty-seventh frame and the main rollers. A series of rollers (344, 345, 346) are mounted on a sixty-eighth frame (347) above the main rollers. A guide (348) is positioned between the sixty-eighth frame and the main rollers. A series of rollers (349, 350, 351) are mounted on a sixty-ninth frame (352) above the main rollers. A guide (353) is positioned between the sixty-ninth frame and the main rollers. A series of rollers (354, 355, 356) are mounted on a seventieth frame (357) above the main rollers. A guide (358) is positioned between the seventieth frame and the main rollers. A series of rollers (359, 360, 361) are mounted on a seventy-first frame (362) above the main rollers. A guide (363) is positioned between the seventy-first frame and the main rollers. A series of rollers (364, 365, 366) are mounted on a seventy-second frame (367) above the main rollers. A guide (368) is positioned between the seventy-second frame and the main rollers. A series of rollers (369, 370, 371) are mounted on a seventy-third frame (372) above the main rollers. A guide (373) is positioned between the seventy-third frame and the main rollers. A series of rollers (374, 375, 376) are mounted on a seventy-fourth frame (377) above the main rollers. A guide (378) is positioned between the seventy-fourth frame and the main rollers. A series of rollers (379, 38

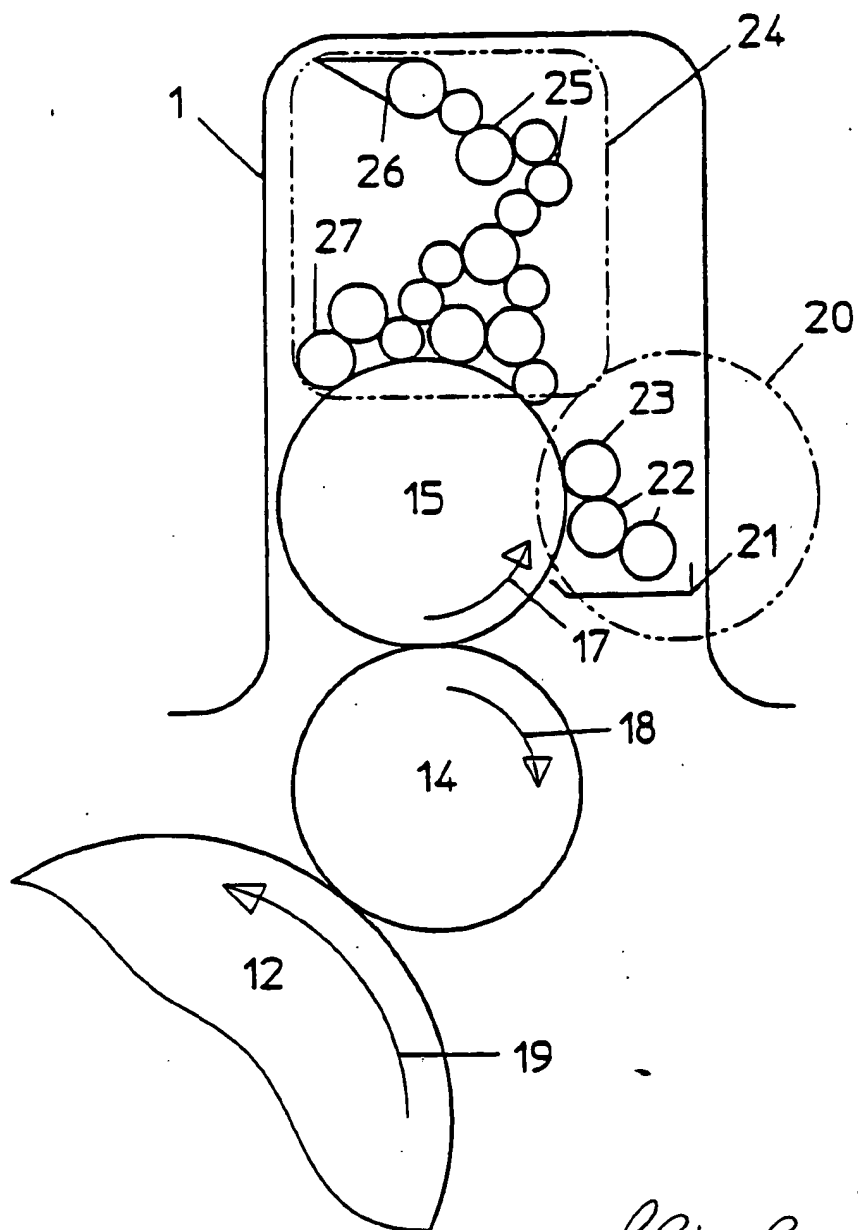
PRIOR ART

1/6.1

BEST AVAILABLE COPY



FIG.2



PRIOR ART

BEST AVAILABLE COPY